

## INFORMATION DISCLOSURE

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# 1

<b>Application Number</b>	08/913,644
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<b>Filing Date</b>	September 17, 1997
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<b>First Named Inventor</b>	Hofmann, et al.
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Group Art Unit	1648
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Examiner Name	Salimi
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Attorney Docket Number	19424PC
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[illegible]

Examiner Initials*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number Kind Code (if known)		
			WO 94/20137		09/15/1994
			WO 94/05792		03/17/1994
			WO 93/02184		02/04/1993
			WO 94/00152		01/06/1994
			EP 0 256 321 A1		06/17/1989
			EP 0 456 197 A1		05/07/1991

Date  
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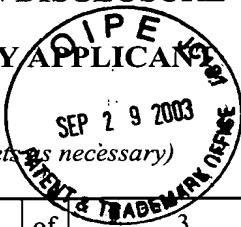


Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

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### COMPLETE IF KNOWN

Application Number	08/913,644
Filing Date	September 17, 1997
First Named Inventor	Hofmann, et al.
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### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
A		Browne, et al., "Analysis of the L1 Gene Product of Human Papillomavirus Type 16 by Expression in a Vaccinia Virus Recombinant", J. Gen. Virol., Vol. 69, pp. 1263-1273 (1988),
		Doorbar, et al., "Identification of Proteins Encoded by the L1 and L2 Open Reading Frames of Human Papillomavirus 1a", J. of Virol., Vol. 61, No. 9, pp. 2793-2799 (Sept., 1987).
		Hagensee, et al., "Self-Assembly of Human Papillomavirus Type 1 Capsids by Expression of the L1 Protein Alone or by Coexpression of the L1 and L2 Capsid Proteins", J. of Virology, pp. 315-322 (Jan. 1993).
		Kirnbauer, et al., "Papillomavirus L1 major capsid protein self-assembles into virus-like particles that are highly immunogenic", Proc. Natl. Acad. Sci., Vol. 89, pp. 12180-12184 (December 1992).
		Cann, et al., "Self-assembly of human papillomavirus type 16 capsids by expression of the L1 protein in insect cells", FEMS Microbiology Letters, Vol. 117, pp. 267-274 (1994).
		Lin, et al., "Effective Vaccination against Papillomavirus Development by Immunization with L1 or L2 Structural Protein of Cottontail Rabbit Papillomavirus", Virology, Vol. 187, pp. 612-619 (1992).
		Rose, et al., "Expression of Human Papillomavirus Type 11 L1 Protein in Insect Cells: In Vivo and In Vitro Assembly of Viruslike Particles", J. of Virol., pp. 1936-1944 (Apr. 1993).
		Steele, et al., Humoral Assays of Human Sera to Disrupted and Nondisrupted Epitopes of Human Papillomavirus Type 1", Virology, Vol. 174, pp. 388-398 (1990).
		Strike, et al., "Expression of Escherichia coli of Seven DNA Fragments Comprising the Complete L1 and L2 Open Reading Frames of Human Papillomavirus Type 6b . . .", J. Gen. Virol., Vol. 70, pp. 543-555 (1989).
		Zhou, et al., "Synthesis and assembly of infectious bovine papillomavirus particles in vitro", J. of Gen. Virol., Vol. 74, pp. 763-768 (1993).
		Zhou, et al., "Expression of Vaccinia Recombinant HPV 16 L1 and L2 ORF Proteins in Epithelial Cells Is Sufficient for Assembly of HPV Virion-Like Particles", Virology, Vol. 185, pp. 251-257 (1991).
		Zhou, et al., "Increased antibody responses to human papillomavirus type 16 L1 protein expressed by recombinant vaccinia virus lacking serine protease inhibitor genes", J. of Gen. Virol., Vol. 71, pp. 2185-2190 (1990).
		Sasagawa, et al., "Synthesis and Assembly of Virus-Like Particles of Human Papillomaviruses Type 6 and Type 16 in Fission Yeast Schizosaccharomyces pombe", Virology, Vol. 206, pp. 126-136 (1995).
		Cole, et al., "Nucleotide Sequence and Comparative Analysis of the Human Papillomavirus Type 18 Genome", J. Mol. Biol., Vol. 93, pp. 599-608 (1987).
		Kaufman, "Vectors Used for Expression in Mammalian Cells", Methods in Enzymology, Vol. 185, pp. 487-511 (1990).

Examiner Signature

*[Handwritten Signature]*

Date Considered

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